

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE OF PAGES <b>1</b>   <b>8</b>	
2. AMENDMENT/MODIFICATION NO. <b>0001</b>			3. EFFECTIVE DATE <b>22 May 1998</b>		4. REQUISITION/PURCHASE REG. NO. <b>N/A</b>		5. PROJ NO. (if applicable)
6. ISSUED BY CODE  <b>CONTRACTING OFFICER NAVSURFWARCENDIV 300 HWY 361 CRANE IN 47522-5001 BUYER/SYMBOL: J.D. Martin/1164EF PHONE: 812-854-3723</b>			7. ADMINISTERED BY (if other than Item 6) CODE				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, State and ZIP Code)					9A. AMENDMENT OF SOLICITATION NO. <b>N00164-98-R-0027</b>		
					9B. DATED (SEE ITEM 11) <b>07 May 1998</b>		
					10A. MODIFICATION OF CONTRACT/ ORDER NO.		
					10B. DATED (SEE ITEM 13)		
TIN NO.		CAGE CODE		FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<div style="border: 1px solid black; padding: 2px; display: inline-block; width: 30px; text-align: center;">XX XX</div> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ X ] is extended, [ ] is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. <b>FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.</b> If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS AND CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>							
(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT CHANGE NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
	D. OTHER (Specify type of modification and authority)						
<b>E. IMPORTANT:</b> Contractor ( ) is not, ( X ) is required to sign this document and return <u>1</u> copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organization by UCF section headings, including solicitation/contract subject matter where feasible.)							
<b>See Pages 2 through 8</b>							
Except as provided herein, all terms and conditions referenced in Item 9A and 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY		16C. DATE SIGNED	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

STANDARD FORM 30 (REV 10-83)  
Prescribed by GSA

1. FAR (48 CFR) 53.243 In section "M", the following paragraph is added as the final paragraph in the section that discusses "Technical Approach."

In addition to providing critical information on software architecture, COTS Software, and licensing and proprietary issues relative to the sample Delivery Order (DO), offerors shall explain their opinion on the applicability of these critical issues and how they relate to the overall project. This shall be based on the Statement of Work (SOW) in section "C". Offerors shall include in the technical proposal the primary methodologies/program plan for satisfying the SOW requirements. Offerors shall discuss all of the same issues with regard to software architecture, COTS Software, licensing and proprietary issues, as required above in relation to the sample DO, and relate these issues to the overall project. Offerors shall also discuss any other information determined by the offeror to be relevant while observing the limitations on number of allowable pages. This portion of the discussion will be included as part of the evaluation of the technical proposals. Technical proposals on the sample DO shall be as realistic as practicable. The technical proposal for the overall effort will be incorporated into and made a material part of the resultant contract. While the sample DO portion of the technical proposal is limited to 12 pages, an additional 12 pages are allowed for the additional information that is required, for a total of 24 technical proposal pages.

2. The following are the minimum qualification requirements for the non-key personnel:

#### **Minimum Qualification for Non-Key Personnel**

Senior Engineer – Minimum of Bachelor Degree in Engineering or related fields with 2 year's software engineering experience. Experience should include evaluating and directing work of subordinate engineers, development and implementation of major architectural design decisions and design prototyping.

Engineer – Minimum of Bachelor Degree in Engineering or related fields with 6 months work experience in coding, unit testing or other software development areas.

Configuration Manager – Minimum of specific formal training or 6 months work experience in Software Configuration Management. Training or experience should include: management of the software and documentation repository; impound of all software changes prior to release; verification that changes have been documented and that all documents have been updated; assurance that any released software baseline can be recreated from source code in the repository.

Integrator – Minimum of Bachelor Degree in Engineering or related fields with 3 year's software engineering experience. Integration experience would include incorporation of complex design changes into the software baseline while ensuring all software design requirements are maintained.

Tester – Minimum of 6 months experience in performing regression and system testing on software baselines prior to release.

Program Management – Minimum of 2 years experience in tasking, scheduling and risk management of complex software development projects.

Program Administration – Minimum of 6 months experience in developing, distributing and reviewing program documentation in support of the Program manager or other management personnel.

System Hardware Management – Minimum of 6 months experience in assembling and troubleshooting networked computer systems. Responsible for breaking down, transporting and setting up the system, at different test sites.

System Administration – Minimum of Bachelor Degree in Engineering or related fields with 1 year experience or (for non-degreed candidates) 3 years experience and formal training in network administration. Experience shall include setting up and maintaining user accounts, work stations and servers, internal networks and installing applications.

Quality Assurance – Minimum of 6 months experience in assuring that software development and maintenance procedures are followed with responsibility for ensuring the integrity of the software repository and the quality of software deliverables.

3. In section "J" of the solicitation, exhibit "B" (Cost Proposal Worksheets) has been amended to include two additional labor categories, System Administration and Quality Assurance. Offerors shall disregard the original exhibit "B" and utilize the new exhibit "B" attached to this amendment.

4. To summarize the requirements of sections "B" and "L" the following information is provided:

Offerors are to complete the Cost Proposal Worksheets and return it as part of their cost proposal. The cost proposal shall consist of this solicitation with page 1 completed as required and all certifications in section "K" completed, as well as the Cost Proposal Worksheets. The cost proposal shall be submitted separately from the technical proposal. Offerors are to return two copies of the cost proposal to the contract agency. As indicated in the original solicitation, offerors are to supply a copy of the cost proposal to the cognizant ACO at DCMC and to the cognizant auditor at DCAA. This is to be done at the same time it is provided to the contracting agency. Under separate cover, offerors shall provide five copies of their technical proposal to the contracting agency.

5. In the SPECIAL NOTICE in section "B", the date is changed from 31 March 1998 to 01 June 1998.

6. The following clause is added to section "B":

PAYMENT FOR ENGINEERING SERVICES AND SUPPORT (NAVSEA) (JUN 1992)

(a) Invoices for engineering services and overtime shall contain the name(s) of engineer(s), date(s) and place(s) of performance, and a brief description of the services performed. Each invoice shall be accompanied by a copy of the authorization for services and the original certification of performance. A copy of each invoice shall be furnished to the applicable Contracting Officer's Representative identified elsewhere in the contract.

(b) Invoices for subsistence and transportation shall be supported by a statement of actual costs incurred by the Contractor and claimed to be reimbursable and shall be in such form and reasonable detail as required by the cognizant Defense Contract Audit Agency (DCAA). The Government shall make provisional payment after submission of each invoice and statement of costs. At any time prior to final payment, DCAA may audit the invoice(s) and statement(s) of costs, as appropriate.

(c) Each provisional payment for subsistence and transportation costs shall be subject to reduction to the extent any amount included in the related invoice and statement of costs is found not to be reimbursable under the support item(s) and shall also be subject to reduction for overpayment or to increase for underpayment on preceding invoices. Any disputes under this requirement shall be determined in accordance with the clause of this contract entitled "DISPUTES" (FAR 52.233-1).

7. The following clause is added to "C":

ITEM(S) 0001 through 0004 - ENGINEERING SERVICES (NAVSEA) (JUN 1992)

(a) The Contractor shall furnish the services of qualified engineer(s) to:

(1) Assist in planning, installation, testing, checkout, adjustment, operation, disassembly, and repair of ;  
and

(2) Perform on-the-job instruction and training of Navy personnel (military and/or civilian).

(b) For purposes of this requirement, the following definitions apply:

(1) "Domestic services" means services rendered within the United States (U.S.) and/or on Navy vessels in ports within the U.S. or at sea, provided the vessel does not enter port outside the U.S.

(2) "Foreign services" means services other than domestic.

(3) "United States" means the United States, its possessions, Puerto Rico, and any other place subject to its jurisdiction, but does not include leased bases or trust territories.

(4) "Man day" means the services of one engineer for one day of eight hours, Monday through Friday (excluding holidays).

(5) "Holidays" means all Federally recognized holidays.

(c) The engineering services shall be performed within the limits, if any, as to place(s) and period(s) specified therefor, as authorized by .

(d) When authorized under paragraph (c) above, each engineer shall perform engineering services in accordance with supplemental instructions provided by the Contract Administration Office (CAO) cognizant of the vessel construction/conversion contract, a representative of the authorizing activity or a representative of the activity where the engineering services are performed, as applicable. However, each engineer shall at all times be in the employ and under the direction and control of the Contractor and shall not be considered an employee of the Government.

(e) Travel time necessary for performance of such services shall be included in computing the man days of service.

When services are performed at sea and the engineer(s) is unable to leave the vessel when work is completed, the remaining time aboard the vessel shall be considered travel time for purposes of computing the man days of services.

However, the Contractor shall be paid for no more than one man day of service per calendar day for each engineer while in travel status.

(f) Passports, visas, inoculations and other medical requirements necessary for performance of engineering services shall be at the sole responsibility and expense of the Contractor.

(g) Each time services are performed, the engineer(s) shall obtain a certification of performance from a responsible U.S. Government official aboard the vessel or at the activity where the services were performed, citing tasks satisfactorily performed and hours worked each day.

(h) The maximum liability of the Government for each engineering services item shall not exceed the amount set forth in the Schedule, or the amount obligated whichever is less. If, at any time, the Contractor has reason to believe that the amounts it expects to incur in the performance of each engineering services item in the next succeeding sixty (60) days, when added to all amounts previously incurred, will exceed seventy-five percent (75%) of the amount then set forth in the Schedule; or if, at any time, the Contractor has reason to believe that the man days and/or amount for the full performance of each engineering services item will be greater or substantially less than that set forth in the Schedule, the Contractor shall notify the Contracting Officer in writing, giving its revised estimate of the man days and/or amount for the performance of said item. The Contractor shall not exceed the obligated amount for each engineering services item, unless and until such amount has been increased in writing by the Contracting Officer.

(i) In the event the Government does not designate time(s) and place(s) sufficient for performance of the total quantity of engineering services set forth in the Schedule within the period(s) provided therefor, those services not furnished shall be deemed to be terminated for the convenience of the Government at no cost to the Government. Such termination shall be evidenced by a written document signed by the Contracting Officer and mailed or otherwise furnished to the Contractor.

8. The following clause is added to "C":

#### ITEM(S) 0001 through 0004 - SUPPORT FOR ENGINEERING SERVICES (NAVSEA) (JUN 1992)

(a) The Contractor shall be reimbursed for its reasonable actual subsistence and transportation costs incurred in the performance of the related engineering services item(s) in accordance with FAR 31.205-46. The costs to be reimbursed shall be those costs accepted by the cognizant DCAA.

(b) Overtime shall be performed as required by the using activity and to the extent authorized by the applicable NAVSEA/DRPM/PEO code identified in Section C under Engineering Services.

(c) The maximum liability of the Government for each support item shall not exceed the estimated amount set forth in the Schedule. If, at any time, the Contractor has reason to believe that the costs it expects to incur in the performance of each support item in the next succeeding sixty (60) days, when added to all costs previously incurred, will exceed seventy-five percent (75%) of the amount then set forth in the Schedule; or if, at any time, the Contractor has reason to believe that the costs to the Government for the full performance of each support item will be greater or substantially less than the amount set forth in the Schedule, the Contractor shall notify the Contracting Officer in writing, giving its revised estimate of such costs for the performance of said item. The Contracting Officer may, upon receipt of such notice or whenever the Contracting Officer considers it necessary, increase or further increase the total estimated amount for the performance of each support item. When and to the extent the estimated amount for a support item has been so increased, any amounts expended or incurred by the Contractor for performance in excess of the estimated amount therefor prior to the increase, shall be paid or reimbursed to the same extent as if expended or incurred after the increase.

9. The following clause is added to "C":

#### UPDATING SPECIFICATIONS AND STANDARDS (NAVSEA) (AUG 1994)

If, during the performance of this or any other contract, the contractor believes that any contract contains outdated or different versions of any specifications or standards, the contractor may request that all of its contracts be updated to include the current version of the applicable specification or standard. Updating shall not affect the form, fit or function of the deliverable item or increase the cost/price of the item to the Government. The contractor should submit update requests to the Procuring Contracting Officer with copies to the Administrative Contracting Officer and cognizant program office representative for approval. The contractor shall perform the contract in accordance with the existing specifications and standards until notified of approval/disapproval by the Procuring Contracting Officer. Any approved alternate specifications or standards will be incorporated into the contract.

10. The following clause is added to "D":

#### IDENTIFICATION MARKING OF PARTS (NAVSEA) (NOV 1996)

(a) Identification marking of individual parts within the systems, equipments, assemblies, subassemblies, components, groups, sets or kits, and of spare and repair parts shall be done in accordance with applicable specifications and

drawings. To the extent identification marking of such parts is not specified in applicable specifications or drawings, such marking shall be accomplished in accordance with the following:

(1) Parts shall be marked in accordance with generally accepted commercial practice.

(2) In cases where parts are so small as not to permit identification marking as provided above, such parts shall be appropriately coded so as to permit ready identification.

11. The following clause is added to "D":

#### MARKING AND PACKING LIST(S) (NAVSEA) (NOV 1996)

(a) Marking. Shipments, shipping containers and palletized unit loads shall be marked in accordance with best commercial practice.

(b) Packing List(s). A packing list (DD Form 250 Material Inspection and Receiving Report may be used) identifying the contents of each shipment, shipping container or palletized unit load shall be provided by the Contractor with each shipment. When a contract line item identified under a single stock number includes an assortment of related items such as kit or set components, detached parts or accessories, installation hardware or material, the packing list(s) shall identify the assorted items.

Where assortment of related items is included in the shipping container, a packing list identifying the contents shall be furnished.

(c) Master Packing List. In addition to the requirements in paragraph (b) above, a master packing list shall be prepared where more than one shipment, shipping container or palletized unit load comprise the contract line item being shipped. The master packing list shall be attached to the number one container and so identified.

(d) Part Identification. All items within the kit, set, installation hardware or material shall be suitably segregated and identified within the unit pack(s) or shipping container by part number and/or national stock number.

12. The following clause is added to "D":

#### PROHIBITED PACKING MATERIALS

The use of asbestos, excelsior, newspaper or shredded paper (all types including waxed paper, computer paper and similar hygroscopic or non-neutral material) is prohibited. In addition, loose fill polystyrene is prohibited for shipboard use.

13. The following clause is added to "E":

#### INSPECTION AND ACCEPTANCE LANGUAGE FOR ENGINEERING SERVICES

Item(s) 0001 through 0004 - Acceptance shall be made by the cognizant ACO upon receipt of a copy of the authorization for services and the original certification of performance.

14. The TIME OF PERFORMANCE clause in "F" is amended to include items 0001 through 0004.

15. The following clause is added to "G":

#### SUBMISSION OF INVOICES (FIXED PRICE) - ALTERNATE I - (JUL 1992) (NAPS 5252.232-9000)

(a) "Invoice" as used in this clause does not include contractor's requests for progress payments.

(b) The contractor shall submit original invoices with 4 copies to the address identified in the solicitation/contract award form (SF 26 - Block 10; SF 33 - Block 23; SF 1447 - Block 14), unless delivery orders are applicable, in which case invoices will be segregated by individual order and submitted to the address specified in the order (DD 1155 - Block 13 or SF 26 Block 10).

(c) The use of copies of the Material Inspection and Receiving Report (MIRR), DD Form 250, as an invoice is encouraged. DFARS Appendix F-306 provides instructions for such use. Copies of the MIRR used as an invoice are in addition to the standard distribution stated in DFARS F-401.

(d) In addition to the requirements of the Prompt Payment clause of this contract, the contractor shall cite on each invoice the contract line item number (CLIN); the contract subline item number (SLIN), if applicable; the accounting classification reference number (ACRN) as identified on the financial accounting data sheets, and the payment terms.

(e) The contractor shall prepare:

\_\_\_ a separate invoice for each activity designated to receive the supplies or services.

X a consolidated invoice covering all shipments delivered under an individual order.

\_\_\_ either of the above.

(f) If acceptance is at origin, the contractor shall submit the MIRR or other acceptance verification directly to the designated payment office. If acceptance is at destination, the consignee will forward acceptance verification to the designated payment office.

(g) Submit invoices monthly to the Government representative named in the contract for approval of hours actually expended.

(End of clause)

\*As prescribed at 5232.909(a).

16. The following clause is added to "G":

#### PURCHASING OFFICE REPRESENTATIVE LANGUAGE

PURCHASING OFFICE REPRESENTATIVE:

COMMANDER

ATTN: CODE 1164EF BLDG 64

NAVAL SURFACE WARFARE CENTER

CRANE DIVISION

CRANE IN 47522-5011

Telephone No. 812-854-3723

17. The following clause is added to "G":

#### SCIENTIFIC AND TECHNICAL REPORTS

The contractor shall furnish scientific and technical reports to Defense Technical Information Center (DTIC), ATTN: DTIC-FDAC Cameron Station, Alexandria, VA 22304-6145. NOTE: When agencies require that completed reports be covered by a Report Documentation Page, Standard Form 298, the contractor shall submit a copy with the report.

18. In section "I", the following actions are taken on clauses that are by reference rather than full text.

Delete 52.226-1

Delete 52.228-11

Add 52.237-10 Identification of Uncompensated Overtime (Oct 1997)

On 252.215-7002 the date is July 97

On 252.215-7012 the date is Sep 97

19. In section "I" the clause GOVERNMENT PROPERTY (COST-REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR-HOUR CONTRACTS) (JAN 1986) is a DEVIATION and the clause number is FAR 52.245-05

20. The following clause is added to "I":

252.204-7004 Required Central Contractor Registration (Mar 1998)

21. The following clause is added to "K":

252.209-7002 Disclosure of Ownership or Control by a Foreign Government (Sep 1994)

22. The following clauses are added to "L":

52.222-46 Evaluation of Compensation for Professional Employees (Feb 1993)

252.237-7019 Identification of Uncompensated Overtime (Apr 1992)

23. The following clause is added to "L":

REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA  
(OCT 1997) (FAR 52.215-20)

(a) *Exceptions from cost or pricing data.* (1) In lieu of submitting cost or pricing data, offerors may submit a written request for exception by submitting the information described in the following subparagraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable.

(i) *Identification of the law or regulation establishing the price offered.* If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) *Commercial item exception.* For a commercial item exception, the offeror shall submit, at a minimum, information on prices at which the same item or similar items have previously been sold in the commercial market that is adequate for evaluating the reasonableness of the price for this acquisition. Such information may include--

(A) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price,

including how the proposed price relates to the price of recent sales in quantities similar to the proposed quantities.

(B) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market.

(C) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an exception has been granted for the schedule item.

(2) The Contractor grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this provision, and the reasonableness of price. For items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the offeror's determination of the prices to be offered in the catalog or marketplace.

(b) *Requirements for cost or pricing data.* If the offeror is not granted an exception from the requirement to submit cost or pricing data, the following applies:

(1) The offeror shall submit cost or pricing data and supporting attachments in accordance with Table 15-2 of FAR 15.408.

(2) As soon as practicable after agreement on price, but before contract award (except for unpriced actions), the offeror shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

Alternate I (Oct 1997). As prescribed in 15.408(l), substitute the following paragraph (b)(1) for paragraph (b)(1) of the basic provision.

(b)(1) The offeror shall submit cost or pricing data and supporting attachments in the following format:

Alternate II (Oct 1997). As prescribed in 15.408(l), add the following paragraph (c) to the basic provision:

(c) When the proposal is submitted, also submit one copy each to: (1) the Administrative Contracting Officer, and (2) the Contract Auditor.

Alternate III (Oct 1997). As prescribed in 15.408(l), add the following paragraph (c) to the basic provision (if Alternate II is also used, redesignate the following paragraph as paragraph (d)):

(c) Submit the cost portion of the proposal via the following electronic media: [Insert media format]

Alternate IV (Oct 1997). As prescribed in 15.408(l), replace the text of the basic provision with the following:

(a) Submission of cost or pricing data is not required.

(b) Provide information described below: [Insert description of the information and the format that are required, including access to records necessary to permit an adequate evaluation of the proposed price in accordance with 15.403-3.]

24. The following is added to section "M":

52.222-46 Evaluation of Compensation for Professional Employees

25. The PAST PERFORMANCE clause in "M" is changed to specify contracts over the past three years so that it is consistent with the Past Performance section of the Technical Proposal.

26. In section "M", the page limitations do not include cover sheets, program plan, and table of contents should offerors choose to provide.

27. In section "M", the page limitations do not include the cover letter.

28. In section "C", section 3.2.1 of the SOW, the reference to "single lines" should read "source lines."

29. The proposal due date is extended to 2:00 PM local time on 11 June 1998.

#### **DIRECT LABOR SECTION**

Based on Government estimates, it is estimated that the following direct labor hours will be required for:

The base contract period (2 years).

<u>Labor Category</u>	<u>Total Estimated Hours</u>	<u>No. of Key Personnel Required Same for all Contract Years</u>
Senior Engineer	40,320	2 – 1 expert in display tech.; 1 server tech.
Engineer	30,720	
Configuration Management	7,520	
Integrator	16,000	1
Tester	12,160	
Project Management	6,080	1
Project Administration	13,600	
System Hardware Management	10,880	
System Administration	3,840	
Quality Assurance	4,320	

Option Year I (Contract Year 3)

<u>Labor Category</u>	<u>Total Estimated Hours</u>
Senior Engineer	20,160
Engineer	15,360
Configuration Management	3,760
Integrator	8,000
Tester	6,080
Project Management	3,040
Project Administration	6,800
System Hardware Management	5,440
System Administration	1,920
Quality Assurance	2,160

Option Year II (Contract Year 4)

<u>Labor Category</u>	<u>Total Estimated Hours</u>
Senior Engineer	20,160
Engineer	15,360
Configuration Management	3,760
Integrator	8,000
Tester	6,080
Project Management	3,040
Project Administration	6,800
System Hardware Management	5,440
System Administration	1,920
Quality Assurance	2,160

Option Year III (Contract Year 5)

<u>Labor Category</u>	<u>Total Estimated Hours</u>
Senior Engineer	16,400
Engineer	16,840
Configuration Management	4,000
Integrator	9,400
Tester	6,720
Project Management	3,040
Project Administration	6,840



System Hardware Management	5,440
System Administration	1,920
Quality Assurance	2,160

Travel is estimated at \$65,000 per year (\$130,000 for base period). Materials are estimated at \$1,000,000 per year (\$2,000,000 for the base period).

## **PROPOSAL**

Based on the above Government estimates for labor hours by category, the offeror is required to provide proposals for the base contract period and each option period below. The offeror shall identify proposed subcontractors by name, address, telephone number, and point of contact. If the offeror is unable to obtain direct and indirect rates from the proposed subcontractor it is required that, at a minimum, the total costs, fixed fee and total cost plus fixed fee for each subcontractor be provided. If the offeror is unable to obtain direct and indirect rates from the proposed subcontractor, it is requested that the offeror advise the proposed subcontractor to provide the backup data to the Government directly. Although the contract will be set up to award fixed-price delivery orders, cost-plus-fixed-fee delivery orders, or cost-plus-incentive-fee delivery orders, for purposes of proposing and evaluating, all delivery orders will be considered to be cost-plus-fixed-fee.

**PRIME CONTRACTOR - BASE CONTRACT PERIOD**

Materials \$1,000,000

Material Overhead	Base	Rate	
	<u>\$1,000,000</u>	<u>          </u> %	<u>\$</u>

Travel \$130,000.00

Direct Labor	Hours	Rate	
Senior Engineer	<u>40,320</u>	<u>          </u>	<u>\$</u>
Engineer	<u>30,720</u>	<u>          </u>	<u>\$</u>
Conf. Mgt.	<u>7,520</u>	<u>          </u>	<u>\$</u>
Integrator	<u>16,000</u>	<u>          </u>	<u>\$</u>
Tester	<u>12,160</u>	<u>          </u>	<u>\$</u>
Proj. Management	<u>6,080</u>	<u>          </u>	<u>\$</u>
Prog. Admin.	<u>13,600</u>	<u>          </u>	<u>\$</u>
System Hardware Mgt.	<u>10,880</u>	<u>          </u>	<u>\$</u>
System Administration	<u>3,840</u>	<u>          </u>	<u>\$</u>
Quality Assurance	<u>4,320</u>	<u>          </u>	<u>\$</u>

Total Direct Labor \$

Labor Overhead	Base	Rate	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Other Direct Costs \$

(Offeror shall provide an explanation/breakdown in this space as to what the Other Direct Costs consist of)

Total Subcontractor Costs \$

Note: Offerors shall provide a complete cost breakdown for all proposed subcontractors.

Other Indirect Costs \$

(Offeror shall provide explanation in this space as to what these costs are (i.e.; proposed rate, proposed base, etc.)

Subtotal Costs \$

General & Administrative	Base	Rate	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Total Costs \$

Facilities Capital Cost of Money (FCCM) \$

Note: If proposing FCCM, offerors shall provide the completed DD Form 1861.

Fixed Fee (Prime Contractor Effort)	Base	Percentage	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Fixed Fee (Subcontracted Effort)	Base	Percentage	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Total Proposed Cost-Plus-Fixed-Fee Including FCCM \$

# PRIME CONTRACTOR – OPTION YEAR I (CONTRACT YEAR 3)

Materials			\$1,000,000
Material Overhead	Base	Rate	
	<u>\$1,000,000</u>	<u>          </u> %	<u>\$</u>

Travel			<u>\$65,000.00</u>
--------	--	--	--------------------

Direct Labor	Hours	Rate	
Senior Engineer	<u>20,160</u>	<u>          </u>	<u>\$</u>
Engineer	<u>15,360</u>	<u>          </u>	<u>\$</u>
Conf. Mgt.	<u>3,760</u>	<u>          </u>	<u>\$</u>
Integrator	<u>8,000</u>	<u>          </u>	<u>\$</u>
Tester	<u>6,080</u>	<u>          </u>	<u>\$</u>
Proj. Management	<u>3,040</u>	<u>          </u>	<u>\$</u>
Prog. Admin.	<u>6,800</u>	<u>          </u>	<u>\$</u>
System Hardware Mgt.	<u>5,440</u>	<u>          </u>	<u>\$</u>
System Administration	<u>1,920</u>	<u>          </u>	<u>\$</u>
Quality Assurance	<u>2,160</u>	<u>          </u>	<u>\$</u>

Total Direct Labor			<u>\$</u>
--------------------	--	--	-----------

Labor Overhead	Base	Rate	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Other Direct Costs			<u>\$</u>
--------------------	--	--	-----------

(Offeror shall provide an explanation/breakdown in this space as to what the Other Direct Costs consist of)

Total Subcontractor Costs			<u>\$</u>
---------------------------	--	--	-----------

Note: Offerors shall provide a complete cost breakdown for all proposed subcontractors.

Other Indirect Costs			<u>\$</u>
----------------------	--	--	-----------

(Offeror shall provide explanation in this space as to what these costs are (i.e.; proposed rate, proposed base, etc.)

Subtotal Costs			<u>\$</u>
----------------	--	--	-----------

General & Administrative	Base	Rate	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Total Costs			<u>\$</u>
-------------	--	--	-----------

Facilities Capital Cost of Money (FCCM)			<u>\$</u>
---	--	--	-----------

Note: If proposing FCCM, offerors shall provide the completed DD Form 1861.

Fixed Fee (Prime Contractor Effort)	Base	Percentage	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Fixed Fee (Subcontracted Effort)	Base	Percentage	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Total Proposed Cost-Plus-Fixed-Fee Including FCCM			<u>\$</u>
---	--	--	-----------

**PRIME CONTRACTOR – OPTION YEAR II (CONTRACT YEAR 4)**

Materials			\$1,000,000
Material Overhead	Base	Rate	
	<u>\$1,000,000</u>	<u>          </u> %	<u>\$</u>

Travel			<u>\$65,000.00</u>
--------	--	--	--------------------

Direct Labor	Hours	Rate	
Senior Engineer	<u>20,160</u>	<u>          </u>	<u>\$</u>
Engineer	<u>15,360</u>	<u>          </u>	<u>\$</u>
Conf. Mgt.	<u>3,760</u>	<u>          </u>	<u>\$</u>
Integrator	<u>8,000</u>	<u>          </u>	<u>\$</u>
Tester	<u>6,080</u>	<u>          </u>	<u>\$</u>
Proj. Management	<u>3,040</u>	<u>          </u>	<u>\$</u>
Prog. Admin.	<u>6,800</u>	<u>          </u>	<u>\$</u>
System Hardware Mgt.	<u>5,440</u>	<u>          </u>	<u>\$</u>
System Administration	<u>1,920</u>	<u>          </u>	<u>\$</u>
Quality Assurance	<u>2,160</u>	<u>          </u>	<u>\$</u>

Total Direct Labor			<u>\$</u>
--------------------	--	--	-----------

Labor Overhead	Base	Rate	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Other Direct Costs			<u>\$</u>
--------------------	--	--	-----------

(Offeror shall provide an explanation/breakdown in this space as to what the Other Direct Costs consist of)

Total Subcontractor Costs			<u>\$</u>
---------------------------	--	--	-----------

Note: Offerors shall provide a complete cost breakdown for all proposed subcontractors.

Other Indirect Costs			<u>\$</u>
----------------------	--	--	-----------

(Offeror shall provide explanation in this space as to what these costs are (i.e.; proposed rate, proposed base, etc.)

Subtotal Costs			<u>\$</u>
----------------	--	--	-----------

General & Administrative	Base	Rate	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Total Costs			<u>\$</u>
-------------	--	--	-----------

Facilities Capital Cost of Money (FCCM)			<u>\$</u>
---	--	--	-----------

Note: If proposing FCCM, offerors shall provide the completed DD Form 1861.

Fixed Fee (Prime Contractor Effort)	Base	Percentage	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Fixed Fee (Subcontracted Effort)	Base	Percentage	
	<u>\$</u>	<u>          </u> %	<u>\$</u>

Total Proposed Cost-Plus-Fixed-Fee Including FCCM			<u>\$</u>
---	--	--	-----------

# **PRIME CONTRACTOR – OPTION YEAR III (CONTRACT YEAR 5)**

Materials			\$1,000,000
Material Overhead	Base	Rate	
	<u>\$1,000,000</u>	<u>          %</u>	<u>\$</u>

Travel			<u>\$65,000.00</u>
--------	--	--	--------------------

Direct Labor	Hours	Rate	
Senior Engineer	<u>16,400</u>	<u>          </u>	<u>\$</u>
Engineer	<u>16,840</u>	<u>          </u>	<u>\$</u>
Conf. Mgt.	<u>4,000</u>	<u>          </u>	<u>\$</u>
Integrator	<u>9,400</u>	<u>          </u>	<u>\$</u>
Tester	<u>6,720</u>	<u>          </u>	<u>\$</u>
Proj. Management	<u>3,040</u>	<u>          </u>	<u>\$</u>
Prog. Admin.	<u>6,840</u>	<u>          </u>	<u>\$</u>
System Hardware Mgt.	<u>5,440</u>	<u>          </u>	<u>\$</u>
System Administration	<u>1,920</u>	<u>          </u>	<u>\$</u>
Quality Assurance	<u>2,160</u>	<u>          </u>	<u>\$</u>

Total Direct Labor			<u>\$</u>
--------------------	--	--	-----------

Labor Overhead	Base	Rate	
	<u>\$          </u>	<u>          %</u>	<u>\$</u>

Other Direct Costs			<u>\$</u>
--------------------	--	--	-----------

(Offeror shall provide an explanation/breakdown in this space as to what the Other Direct Costs consist of)

Total Subcontractor Costs			<u>\$</u>
---------------------------	--	--	-----------

Note: Offerors shall provide a complete cost breakdown for all proposed subcontractors.

Other Indirect Costs			<u>\$</u>
----------------------	--	--	-----------

(Offeror shall provide explanation in this space as to what these costs are (i.e.; proposed rate, proposed base, etc.)

Subtotal Costs			<u>\$</u>
----------------	--	--	-----------

General & Administrative	Base	Rate	
	<u>\$          </u>	<u>          %</u>	<u>\$</u>

Total Costs			<u>\$</u>
-------------	--	--	-----------

Facilities Capital Cost of Money (FCCM)			<u>\$</u>
---	--	--	-----------

Note: If proposing FCCM, offerors shall provide the completed DD Form 1861.

Fixed Fee (Prime Contractor Effort)	Base	Percentage	
	<u>\$          </u>	<u>          %</u>	<u>\$</u>

Fixed Fee (Subcontracted Effort)	Base	Percentage	
	<u>\$          </u>	<u>          %</u>	<u>\$</u>

Total Proposed Cost-Plus-Fixed-Fee Including FCCM			<u>\$</u>
---	--	--	-----------